Nikhil Kumar Gupta

📞 +91-9532060429 ✉️ nkgup2349@gmail.com 🔗 nikhilkumargupta ⭐ nikhilkumargupta

Education

National Institute of Technology, Agartala	**2022 – 2026**
Bachelor of Technology in Electronics and Communication	*CGPA: 8.02*
Hanumat intermediate college , Kalakaker	**2019 – 2020**
Senior Secondary (XII)	*Percentage: 73.18*
Chandra gupta maurya aadarsh vidya mandir, Manikpur	**2017 – 2018**
Secondary (X)	*Percentage: 87.1*

Experience

Teaching of ROS
o the juniors[1st year] the ROS

- – As i participated in E-yantra there i learned ROS [Robotics operating systeam] so i taught this to 1st year.

Projects

E-yantra [IIT BOMBAY - Robotics Competition]
Worked on Luminosity Drone [till 2nd stage]

* Basically we try to make a drone(Luminosity Drone) which will fly above at some height and detect the LED's and any light of heat in any area and send us the coordinates of that particular place , the main use of this type of drone is in forest areas where it is difficult to go and search in the night
* Tools and Technologies: **linux (ubuntu) , Python , Rospy(python library)**

URL shortner Link
* Built a secure URL shortener that generates short links for long URLs, accessible only after user sign-up and login. Users can manage and redirect to the original URLs via these shortened links .
* Tools and Technologies: **Node Js , Express Js , Mongo DB , EJS**

Real-Time Weather Information Portal Link
* designed and implemented a weather information website leveraging the Fetch API to provide real-time weather updates for user-specified cities
* Tools and Technologies: **HTML , CSS , Java script , OpenWheaterMap API**

Personal Portfolio Link
* I created this website to showcase my projects, skills, qualifications, and contact details. It serves as a portfolio reflecting my work and experience in web development.
* Tools and Technologies: **HTML , CSS , Java script , ReactJS**

Calculator (Basic) Link
* created a Calculator , which will perform normal as addition, substractions , multiple , division and percentage..
* Tools and Technologies: **HTML , CSS , Java script**

Todo Link
* Created a responsive todo list web application with local storage integration, showcasing completed and incomplete tasks using HTML, CSS, and JavaScript.
* Tools and Technologies: **HTML , CSS , Java script**

Achievements

- **Codeforces:** solved **100+** problems. **Profile:** arsingya
- **CodeChef:1151** rated and solved **270+** problems. **Profile:** nikhilkumargupta
- **LeetCode:** . Solved **150+** questions. **Profile:** nikhilkumargupta
- Selected in "**Asimov NIT Agartala Robotics Club**".
- selected in "**physics wallah**" as a **SME**(subject matter expert)
- Secured **28k** (all india rank) in the **Jee mains 2022** among **1.1 million students**

Technical Skills

Languages: C++, C, PYTHON , HTML , CSS , JAVA SCRIPT
Technologies: , Node.js , Express js , MongoDB , ROSPY(python-libraries)
Computer Fundamentals: Object-Oriented Programming
Other Tools: Github , VS Code , Linux